

SPECIFICATION AMENDMENTS

Please amend the paragraphs at page 1, lines 8-14 as follows:

BACKGROUND

1. Field

The present invention relates to a vane system equipped with a guiding mechanism, for a centrifugal compressor.

In particular, the invention relates to a vane system for a centrifugal compressor with a cylindrical box, equipped with a guiding system.

2. Brief Description of Related Developments

Please amend the paragraph beginning on page 2, line 23 through page 3, line 3 as follows:

SUMMARY

A general objective of the present invention is to overcome the above drawbacks relating to the lack of efficiency and control present in the plants according to the known art, by providing a vane system for centrifugal compressors (IGV) suitable for improving performance control and efficiency.

Please amend the paragraph at page 3, lines 16-20 as follows:

These and other objectives and advantages, according to the present invention, are achieved by means of a vane system for a centrifugal compressor, equipped with a guiding mechanism, according to ~~what is disclosed in claim 1~~ the exemplary embodiments described herein.

Please amend the paragraph at page 4, lines 6-11 as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

The characteristics and advantages of a vane system equipped with a guiding mechanism for a centrifugal compressor, according to the present invention, will appear more evident from the following illustrative and non-limiting description, referring to the enclosed schematic drawings, wherein:

Please amend the paragraph at page 4, lines 22-24 as follows:

DETAILED DESCRIPTION

With reference to the figures, a centrifugal compressor 10 is equipped with a shaft 11, on which a series of rotors 12, equipped with relative vanes, is installed.